Stantec Architecture Inc.
801 South Figueroa Street Suite 300, Los Angeles CA 90017-3007

January 8, 2024
File: 2014240809

Attention: Jerry Estrada, General Manager
Santa Barbara Metropolitan Transit District
550 Olive Street
Santa Barbara, CA 93101

Dear Jerry,

Reference: Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2

Please accept our proposal for the professional services to prepare construction documents for the facility improvements at MTD's Terminal 2 facility in Goleta. The proposed scope of services for the Phase 2 improvements are based on our working knowledge of MTD's operations, the site master plan developed by Stantec in the ZEB Rollout Plan, and the microgrid analysis performed by Calstart/Anser through the CEC Blueprint Grant. The Phase 2 improvements are naturally a continuation of the Phase 1 improvement currently underway through the Terminal 2 Recommissioning project and therefore the Phase 2 scope of services does not include any of the improvements provided in Phase 1. The Phase 2 improvements predominantly consist of four primary scope items:

1. A new, approximately 10,000 sq ft operations and maintenance building to replace the existing undersized and obsolete building. The new building will be located in the same location as the existing facility and will be an all-electric, net-zero emission building, i.e., no natural gas utility.

2. Replacement of the parking canopies with new photovoltaic (PV) canopies that are structurally adequate to span over the vehicle parking and support bus charging equipment and infrastructure. The PV panel system and its sub-framing system will be a delegated design component, but the canopy structure will be fully designed by the Stantec team.

3. The microgrid and resiliency components for the facility – consisting of the PV system, battery-energy storage system (BESS), and a back-up diesel powered generator. These components are generally defined in the CEC Blueprint Grant report.

4. New bus charging equipment as outlined in the ZEB Rollout Plan.

Proposed Project Team

We propose to utilize the same design team as the Phase 1 project. Stantec will be the lead for the project with the majority of the professional services in-house, including project management, architecture, civil, structural, mechanical, plumbing, and fire protection engineering; plus, technology, commissioning, industrial, and charging equipment design all internal to Stantec. We will utilize the same external team members as Phase 1 with the exception of adding geotechnical engineering from Earth Systems to the

team. The external team will also include cost estimating Services by Jacobus & Yuang, electrical engineering by Gray Electrical Consulting & Engineering, and landscape architecture by True Nature.

Proposals from our subconsultant team as well as Stantec's industrial team are attached to this proposal for additional background on our proposed scope of services for the project. Please be advised that these proposals are to Stantec Architecture so some of the conditions, exceptions, etc. are applicable not applicable to MTD.

Project Description

Stantec Project Number: 2014240809

Location: MTD Terminal 2, 5353 Overpass Road, Goleta, CA

Description: Task Order 9 – T2 Phase 2 Improvements

Proposed Construction Budget: Approx. $20M based on the cost estimate from the ZEB Rollout Plan

Proposed Scope of Services, Deliverables, & Schedule

See below for a proposed time frame for completion of each task. Time frames do not include MTD or external agency review times. It is assumed that the design team will begin work once contracts have been signed by all parties.

Project Management

- Coordination of design team and cost estimate, including internal coordination meetings as needed.
- Internal QA/QC procedures
- Weekly coordination meetings with MTD project manager
- Invoicing, scheduling, professional insurance coordination, etc.
- Meeting notes at each project milestone and review meeting

Task 1: Programming & Concept Design

Scope of Services:

- Hold virtual kick-off meeting with all stakeholders and project design team to review project understanding and to discuss assumed conditions and any potential modifications to the proposed scope of work.
- Review of existing record drawings and background documents provided by MTD. Stantec will provide written requests via email for any additional information required.
- Immediately after NTP, Stantec's survey team will 'as-built' the existing conditions following the completion of Phase 1 to update the site topo map and create a new working base for the Phase 2 improvements.
- The geotechnical analysis and engineering scope by Stantec's subconsultant Earth Systems will also immediately begin after NTP is received. For a full description of Earth System's proposed scope of services refer to their attached proposal herein.

- At the project kick-off, the Stantec architectural and industrial team will meet with MTD in person to review the project needs, goals, etc.
- Owner's Project Requirements report - In conjunction with the programming effort, the Stantec team will develop the Owner's Project Requirements (OPR) report, a requirement of the commissioning process. The OPR will be a high-level documentation of MTD's goals for the project, including but not limited to energy efficiency goals, project program, equipment and building system expectations, and project performance. Many of these items will be governed by minimum code requirements but can be supplemented based on the team's preferences and goals for the new facility.
- Following the approval of the program for the new project, Stantec will produce a conceptual design for the facility. This will be a high-level design with sufficient detail to convey the massing and materiality of the facility, this will include architectural site plan, floor plans, rough equipment plans, building elevations, and 3D views/diagrams to convey the design intent.
- One meeting with MTD and stakeholders to review the deliverables of Task 1.

Deliverables:
- Geotechnical Report
- Updated Site Survey
- Space Needs Programming memo
- Owner's Project Requirements (OPR) report
- Concept Design Drawings

Duration: 10 weeks (excludes geotechnical report which may extend beyond other Task 1 efforts)

Task 2: Schematic Design (25%)

Based upon the review comments from of Task 1 and the preferred direction by MTD, Stantec will then proceed with the SD documents and associated deliverables.

Scope of Services:
- Following MTD's approval of the Concept Design, Stantec will proceed with engaging the City of Goleta's planning department to instigate their review and approval process. Actual submission to the City will be following the SD task.
- Coordinate with external stakeholders at the City and SCE regarding utility modifications, closure of north-east corner driveway/frontage improvements, coordination with Fire Department on BEB and microgrid infrastructure proposed for the site, and other relevant third-parties that have review and approval authority for the project.
- Preliminary site drainage analysis for storm water BMP requirements.
- Schematic design drawings from all disciplines developed to an industry standard of about 25% level.
- Virtual progress and final review meetings, no in-person meetings.

Deliverables:
- SD Drawings
- Cost Estimate based on SD Drawings.

Duration: 8 weeks

Task 3: Design Development (60%)

Based upon the review comments from of Task 2 and the preferred direction by MTD, Stantec will then proceed with the DD documents and associated deliverables.

Scope of Services:

- Following MTD's approval of the Schematic Design, Stantec will proceed with formally submitting the project to the City of Goleta's planning department for their review process. The SD deliverables will be used for the actual submittal documentation with the intent that the level of detail is sufficient for their review. Following Planning's review we assume the project will proceed with the City's Design Review Board submittal process.
- Update the preliminary site drainage/stormwater Control analysis per City storm water BMP requirements and project conditions. We assumed an underground stormwater retention system manufactured by ADS or equal will be proposed to retain/detain/treat the on-site stormwater. Stantec will prepare the stormwater analysis and coordinate with the manufacturer to design and construct the system after received approval from the team, Owner, and the City.
- Basis of Design report – During task 3, Stantec will prepare a basis of design (BOD) report as required by the commissioning process. The BOD will include a written explanation of how the design of the facility meets the OPR. The BOD will cover building systems and controls, lighting systems, and performance criteria for the microgrid system. The BOD will be updated as needed at each subsequent milestone.
- Design Development drawings from all disciplines developed to an industry standard of about 60%.
- Project Manual outline – table of contents
- Virtual progress and final review meetings, no in-person meetings.

Deliverables:

- Planning Department and Design Review Board Submittals
- DD Drawings
- BOD Report (required for commissioning)
- Cost Estimate based on DD Drawings.

Duration: 10 weeks

Task 4: Construction Documents (90%) and Plan Check

Based upon the review comments from of Task 3 and the preferred direction by MTD, Stantec will then proceed with the construction documents and specifications for the final design deliverables.

Scope of Services:

- Construction Drawings for all disciplines will be prepared per typical industry standards including the specific systems and documents outlined below:
  - Civil Engineering drawings: demolition, grading/pavement, storm drain, street improvement, sewer, potable water, fire water, site erosion control, and any applicable details.
  - Landscape Architecture: See attached proposal from True Nature Landscape Architecture.
  - Industrial Equipment: See attached Industrial Design & Equipment scope of services.

- Electrical Systems: See attached proposal from GECE.
- Technology systems:
  - Structured Cabling Systems:
    - Cable system design for voice, data, and video distribution, including inside plant and outside plant. Both fiber optic and copper cable for backbone/riser and workstation/horizontal distribution. This includes all termination devices, cable support, management, and racking systems.
    - Pathways and space design for all structured cable distribution. This includes Telecommunication Service Entrance facilities, Main Technology Room(s) and Intermediate Technology Distribution Rooms.
    - Coordination with others for power, heat-loads, and lighting requirements for the technology distribution spaces.
    - Coordination with local telecommunication service providers for service entrance requirements.
    - All pathway sleeves and conduit; cable support system, horizontal cable distribution using cable tray and or cable rings; Outlet boxes or mud-rings in walls for devices with raceway to accessible ceiling space or in-slab or below floor conduits to floor boxes.
  - Wireless predictive study for WLAN:
    - Predictive study to determine Wireless Access Point locations.
    - All cable infrastructure system to support owner provided active devices, with service loops to accommodate location adjustments during system commissioning.
  - Electronic Security Systems: access control system, video surveillance system, duress alarm(s), and intrusion detection.
  - Public Address System: active overhead sound distribution for paging, music, and alarms.
- Prepare Drainage and storm water quality Control Report.
  - Prepare final drainage calculations and report.
  - Calculate hydraulics for proposed drainage facilities to determine storm drain and catch basin sizes.
  - Coordinate with a manufacturer to prepare underground stormwater retention/detention/treatment underground device to retain the stormwater volume and treat water.
- Project Manual (specifications) with Division 1, technical specifications, and commissioning specifications as required for the final project scope.
- Following written direction from MTD, Stantec's cost estimating consultant JYI will proceed with a cost estimate of the final design.
- At MTD's direction, Stantec will submit the project documents to the City of Goleta for permitting review. Plan check comments from the City will be addressed and then drawings will be resubmitted to the City as needed until the project receives clearance from the City.
  - The scope of the submittal to the City is limited to the scope of services discussed herein. If the City requests additional information not included in Stantec's proposed scope of services, then Stantec and MTD will discuss how best to address the difference in the required services and proceed with additional service requests if necessary.
- Virtual progress and final review meetings, no in-person meetings.

<u>Deliverables:</u>

- 90% Construction Drawings
- Structural Calculations Package
- Project Manual
- Following plan check approval, Stantec will provide a 100% Construction Document set referred to as the 'Issue for Bid' set of documents for the MTD's use in bidding the project.
- Final Cost Estimate based on 90% Drawings

Duration: 12 weeks for generation of documents, QC, cost estimate, and transmittal to MTD. An additional 12 to 16 weeks for plan check and permitting process.

Task 5: Bid Documents (100%) and Support Services

Scope of Services:

- Attendance at on-site pre-bid meeting by Stantec PM team.
- Respond to Contractor's bid RFI's.
- Support for MTD's review of contractor's bid submittals at the MTD's discretion. Scope assumes MTD will take the lead on reviewing and validating contractor bids for completeness with minimal review and input from the design team.

Deliverables:

- IFB Drawings
- IFB Project Manual
- Following the bidding process, Stantec will provide a conformed 'Issue for Construction' set of documents to the awarded contractor, if necessary, to incorporate bidding clarifications.

Duration: Dependent on MTD's bidding and procurement schedule for contractor and awarded construction timeframe – assume about 4 months.

Task 6: Construction Support Services

Scope of Services:

- Attendance at in-person Construction Kick-Off Meeting for two (2) Stantec staff.
- Respond to RFI's and Submittals by contractor with a maximum of one resubmittal for most submittals. Detailed shop drawings and larger submittals may require two resubmittals.
- PM attendance at bi-weekly virtual construction progress meetings.
- Maximum of two (2) on-site visits during construction progress for all disciplines unless listed otherwise:
  - Maximum of eight (8) construction site visits for PM/architecture team.
  - Maximum of three (4) site meetings/visits for Civil Engineer.
- One (1) Final on-site punch list for all disciplines at time of proposed substantial completion as directed by MTD in coordination with the contractor.
  - Maximum of two (2) punch list site visits for PM/architecture team of two (2) staff
- Scope assumes that MTD will procure construction management services for the entire project scope and Stantec's scope is limited to typical RFI and Submittal review processes transmitted digitally, and final punch-list process.

- The Stantec Commissioning team will monitor the contractor's progress and implement the required checklists and site observations to manage the commissioning process.

Deliverables:
- RFI responses
- Submittal reviews
- Punch-list reports
- Commissioning reports

Duration: Dependent on the awarded construction timeframe – assume about 12 months.

Qualifications

Proposed hours and fees are based on the following qualifications and clarifications:

- The scope of services for Phase 2 will build upon the construction documents prepared for Phase 1. Unforeseen or additional changes to the facility that may arise during the construction of the Phase 1 improvements will be incorporated into the approach and design for the Phase 2 improvements. Any work completed in Phase 1 will be excluded, such as the bus wash improvements, diesel fueling system, etc. Minor modifications will be needed to the site improvements in Phase 1, but the intent outlined in the ZEB Rollout Plan master plan will be followed unless otherwise directed by MTD during Task 1.
- The project scope of services and timeframe assumes NEPA review is concurrent with the development of the project design and that CEQA will be through the City's Planning Department through a CE due to the overall project size. Additional support for the environmental review and approval processes are excluded from this proposal.
- MTD will provide current record drawings of the facility for the design team's use and that existing files for the facility, in particular the scope area for this project, are accurate and do not require extensive field verification. Stantec is not responsible and cannot be held accountable for the accuracy of As-Builts or Record Drawings provided by the Agency or utility providers. Stantec has no means of determining whether subsurface features were constructed per the construction / improvement drawings and does not claim to do so. Pot holing of utilities should be performed by others if there are concerns or uncertainties regarding the subsurface utilities.
- Assessment of existing conditions and the feasibility of the proposed work will be based on the provided record drawings and what can be assessed visually.
- Project is limited to scope described above and any request for additional work will be provided via separate add service proposal.
- Design durations noted in the scope of work are best case scenario for executing the proposed work and does not include extensive time for review and approval by MTD. A project schedule will be reviewed with MTD following a formal notice to proceed.
- Security cameras, PA system, and new lighting installed in Phase 1 will be reused in the new facility to the greatest extent possible and where appropriate.
- Mechanical systems will be designed to meet the prescriptive energy code requirements of the 2022 California energy code (Title 24).

- The following items will be scoped as delegated design items with basic scope drawings and performance specifications provided by Stantec:
  - Fire Sprinkler System
  - Fire Alarm System
  - Photovoltaic panels/system and racking system(s)
- Project will adhere to Buy America Act regulation requirements for specified products and materials.
- No destructive investigation will be required or provided.

Specific Exclusions

Items not specifically identified in the scope of service sections of this proposal are to be excluded from this work effort and would be considered additional services. Such services would include, but are not limited to, the following:

- LEED or other sustainability metric certification.
- Site visits and meetings in excess of what is included above.
- Energy modeling analysis to meet the performance requirements of the 2022 California energy code (Title 24).
- Energy life cycle cost analysis.
- Plan-check or other agency submittal fees
- Easements, dedications, exhibits, or documents for recordation.
- Revisions to work completed or underway due to a change in information or instruction provided to Stantec by the Client or Client's consultant(s)
- Phasing plans – assumption is the construction drawings will be bid as one package.
- Changes to any designs resulting from a revision to or re-definition of Agency policies.
- Construction management services
- Record drawings
- Environmental services for CEQA, NEPA, contaminated soils mitigation or any other professional services related to environmental compliance requirements.
- Title reports, services, and fees.
- Post-construction stormwater maintenance report.
- Any underground utility verifications, sanitary sewer closed circuit video inspections, or potholing of utilities.
- Traffic analysis or reports.
- Preparation of storm water pollution Prevention Plan (SWPPP) report.
- Active network, audio-visual, and RF systems including Emergency Responder Radio Systems and Cellular Distributed Antenna Systems.

Reference: **Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2**

Proposed Fees

See attached Fee Proposal spreadsheet for breakdown of hours and rates. Should you have any questions regarding the above, contact us directly per our contacts below. We propose to invoice the project on a time and materials basis, not to exceed the total proposed fee amount. The Task Order will follow the invoicing procedures outlined in the agreement unless otherwise approved by the MTD. This Task Order is bound by the terms and conditions in the Master Agreement with Stantec Architecture Inc. for On-Call Architectural and Engineering Services.

Regards,

Stantec Architecture Inc.

William Todd AIA, LEED AP BD+C
Senior Associate
Phone: 323-387-8919
will.todd@stantec.com

Pat McKelvey AIA, PQP
Senior Principal
Phone: 213-952-5199
Pat.mckelvey@stantec.com

By signing this proposal, the MTD authorizes Stantec to proceed with the services herein described. This proposal is accepted and agreed on the date signed below.

Per: Santa Barbara Metropolitan Transit District

Jerry Estrada, General Manager _____ _____

Print Name & Title Signature Date

Attachments: Fee Spreadsheet, Sub-consultant proposals

c. David Rzepinski

SBMTD Terminal 2 Phase 2 Improvements - Fee Proposal

Revised: 1/8/2024

Project Summary	Stantec Hours	Stantec Labor	Expense	Subs	Total
Total	6,181	$1,025,292.85	$24,423.00	$242,863.68	$1,292,579.53

Task	Role	Name	Billing Rate	Hours	Labor	Expense	Subs	Total
1	**Programming & Concept Design**			**372**	**$65,768.60**	**$10,423.00**	**$36,386.49**	**$112,578.09**
	Principal in Charge	McKelvey, Pat	$246.13	4	$984.52			$984.52
	PM / Architect	Todd, Will	$194.14	40	$7,765.60			$7,765.60
	Project Architect	Hong, Jiah	$158.07	84	$13,277.88			$13,277.88
	Architectural Designer	Chavez, Nora	$134.73	48	$6,467.04			$6,467.04
	Sr Architect - QAQC	Palomera, Mark	$184.60	2	$369.20			$369.20
	PM Assistant	Gonzalez, Sherry	$130.49	8	$1,043.92			$1,043.92
	Civil Engineering Principal	Rapp, Derek	$238.70	4	$954.80			$954.80
	Sr Civil Engineer	Fitch, Wayne	$184.60	8	$1,476.80			$1,476.80
	Structural Engineer Principal	Dyck, Alan	$238.70	2	$477.40			$477.40
	Structural Engineer	Puckett, Malin	$184.60	4	$738.40			$738.40
	Structural Designer	Shanah, Ibrahim	$175.05	8	$1,400.40			$1,400.40
	Sr Industrial Architect	Weismantel, Jared	$203.69	2	$407.38			$407.38
	Industrial Architect	Kim, Yong	$158.07	24	$3,793.68			$3,793.68
	Industrial Designer	Sunder, Dominic	$134.73	24	$3,233.52			$3,233.52
	Fueling Principal (Charging Equipment)	Guthrie, Reb	$238.70	24	$5,728.80			$5,728.80
	BIM - Charging Equipment	Clark, Josh	$184.60	12	$2,215.20			$2,215.20
	Sr Mechanical Engineer	Yang, Gladys	$196.27	8	$1,570.16			$1,570.16
	Mechanical Designer (Engineer)	Galstyan, Sevak	$175.05	8	$1,400.40			$1,400.40
	Senior Plumbing Designer	Lopez, Franklin	$184.60	6	$1,107.60			$1,107.60
	ICT Principal	Shea, Stephen	$238.70	2	$477.40			$477.40
	ICT Project Manager	Hysler III, John	$203.69	12	$2,444.28			$2,444.28
	Sr ICT Engineer	Barron, Juan	$184.60	8	$1,476.80			$1,476.80
	ICT Engineer	Abouzid, Mohanad	$175.05	6	$1,050.30			$1,050.30
	Principal Commissioning Engineer	Myers, Marcus	$246.13	24	$5,907.12			$5,907.12
		Expenses				$10,423.00		$10,423.00
		GECE - Electrical					$18,260.85	$18,260.85
		True Nature - Landscape					$551.68	$551.68
		Earth Systems - Geotech					$17,573.96	$17,573.96
		JYI - cost estimating					$0.00	$0.00

2	Schematic Design (25%)			1,061	$172,905.23	$400.00	$38,184.17	$211,489.40
	Principal in Charge	McKelvey, Pat	$246.13	2	$492.26			$492.26
	PM / Architect	Todd, Will	$194.14	72	$13,978.08			$13,978.08
	Project Architect	Hong, Jiah	$158.07	160	$25,291.20			$25,291.20
	Architectural Designer	Chavez, Nora	$134.73	160	$21,556.80			$21,556.80
	BIM - Architectural	Ramirios, Johnny	$184.60	8	$1,476.80			$1,476.80
	Sr Architect - QAQC	Palomera, Mark	$184.60	4	$738.40			$738.40
	PM Assistant	Gonzalez, Sherry	$130.49	4	$521.96			$521.96
	Civil Engineering Principal	Rapp, Derek	$238.70	4	$954.80			$954.80
	Sr Civil Engineer	Fitch, Wayne	$184.60	20	$3,692.00			$3,692.00
	Engineer (Chainman)	Gower, Hayden	$175.05	16	$2,800.80			$2,800.80
	Engineer (Survey Tech)	Grandcolas, Lucas	$158.07	32	$5,058.24			$5,058.24
	Structural Engineer Principal	Dyck, Alan	$238.70	2	$477.40			$477.40
	Structural Engineer	Puckett, Malin	$184.60	16	$2,953.60			$2,953.60
	Structural Designer	Shanah, Ibrahim	$175.05	60	$10,503.00			$10,503.00
	BIM - Structural	Madrigal, Felix	$184.60	16	$2,953.60			$2,953.60
	Sr Structural Engineer - QAQC	Clark, William	$203.69	2	$407.38			$407.38
	Sr Industrial Architect	Weismantel, Jared	$203.69	4	$814.76			$814.76
	Industrial Architect	Kim, Yong	$158.07	96	$15,174.72			$15,174.72
	Industrial Designer	Sunder, Dominic	$134.73	168	$22,634.64			$22,634.64
	Industrial Architect - QAQC	Strehlow, Ben	$184.60	16	$2,953.60			$2,953.60
	Fueling Principal (Charging Equipment)	Guthrie, Reb	$238.70	16	$3,819.20			$3,819.20
	BIM - Charging Equipment	Clark, Josh	$184.60	24	$4,430.40			$4,430.40
	Sr Mechanical Engineer	Yang, Gladys	$196.27	8	$1,570.16			$1,570.16
	Mechanical Designer (Engineer)	Galstyan, Sevak	$175.05	20	$3,501.00			$3,501.00
	Senior Plumbing Designer	Lopez, Franklin	$184.60	20	$3,692.00			$3,692.00
	Mechanical Designer	Walker, Andrew	$158.07	32	$5,058.24			$5,058.24
	Mechanical Principal / QAQC	Winn, Maung	$246.13	2	$492.26			$492.26
	BIM - Mechanical	Ali, Inas	$184.60	16	$2,953.60			$2,953.60
	ICT Principal	Shea, Stephen	$238.70	2	$477.40			$477.40
	ICT Project Manager	Hysler III, John	$203.69	3	$611.07			$611.07
	Sr ICT Engineer	Barron, Juan	$184.60	22	$4,061.20			$4,061.20
	ICT Engineer	Abouzid, Mohanad	$175.05	22	$3,851.10			$3,851.10
	Principal Commissioning Engineer	Myers, Marcus	$246.13	12	$2,953.56			$2,953.56
		Expenses				$400.00		$400.00
		GECE - Electrical					$23,844.35	$23,844.35
		True Nature - Landscape					$3,310.08	$3,310.08
		Earth Systems - Geotech					$1,124.57	$1,124.57
		JYI - cost estimating					$9,905.17	$9,905.17

3	**Design Development (60%)**			**1,336**	**$216,739.20**	**$450.00**	**$48,763.15**	**$265,952.35**
	Principal in Charge	McKelvey, Pat	$246.13	2	$492.26			$492.26
	PM / Architect	Todd, Will	$194.14	60	$11,648.40			$11,648.40
	Project Architect	Hong, Jiah	$158.07	200	$31,614.00			$31,614.00
	Architectural Designer	Chavez, Nora	$134.73	240	$32,335.20			$32,335.20
	BIM - Architectural	Ramirios, Johnny	$184.60	8	$1,476.80			$1,476.80
	Sr Architect - QAQC	Palomera, Mark	$184.60	8	$1,476.80			$1,476.80
	Sr Architect (Specifications)	Seaman, Jan	$184.60	4	$738.40			$738.40
	PM Assistant	Gonzalez, Sherry	$130.49	4	$521.96			$521.96
	Civil Engineering Principal	Rapp, Derek	$238.70	12	$2,864.40			$2,864.40
	Sr Civil Engineer	Fitch, Wayne	$184.60	40	$7,384.00			$7,384.00
	Structural Engineer Principal	Dyck, Alan	$238.70	2	$477.40			$477.40
	Structural Engineer	Puckett, Malin	$184.60	16	$2,953.60			$2,953.60
	Structural Designer	Shanah, Ibrahim	$175.05	80	$14,004.00			$14,004.00
	BIM - Structural	Madrigal, Felix	$184.60	16	$2,953.60			$2,953.60
	Sr Structural Engineer - QAQC	Clark, William	$203.69	4	$814.76			$814.76
	Sr Industrial Architect	Weismantel, Jared	$203.69	4	$814.76			$814.76
	Industrial Architect	Kim, Yong	$158.07	120	$18,968.40			$18,968.40
	Industrial Designer	Sunder, Dominic	$134.73	200	$26,946.00			$26,946.00
	Industrial Architect - QAQC	Strehlow, Ben	$184.60	16	$2,953.60			$2,953.60
	Fueling Principal (Charging Equipment)	Guthrie, Reb	$238.70	12	$2,864.40			$2,864.40
	BIM - Charging Equipment	Clark, Josh	$184.60	24	$4,430.40			$4,430.40
	Sr Mechanical Engineer	Yang, Gladys	$196.27	10	$1,962.70			$1,962.70
	Mechanical Designer (Engineer)	Galstyan, Sevak	$175.05	40	$7,002.00			$7,002.00
	Senior Plumbing Designer	Lopez, Franklin	$184.60	40	$7,384.00			$7,384.00
	Mechanical Designer	Walker, Andrew	$158.07	40	$6,322.80			$6,322.80
	Mechanical Principal / QAQC	Winn, Maung	$246.13	2	$492.26			$492.26
	BIM - Mechanical	Ali, Inas	$184.60	16	$2,953.60			$2,953.60
	PM Assist - M/P Specs	Baccus, Lori	$130.49	4	$521.96			$521.96
	ICT Principal	Shea, Stephen	$238.70	2	$477.40			$477.40
	ICT Project Manager	Hysler III, John	$203.69	4	$814.76			$814.76
	Sr ICT Engineer	Barron, Juan	$184.60	40	$7,384.00			$7,384.00
	ICT Engineer	Abouzid, Mohanad	$175.05	50	$8,752.50			$8,752.50
	Principal Commissioning Engineer	Myers, Marcus	$246.13	16	$3,938.08			$3,938.08
		Expenses				$450.00		$450.00
		GECE - Electrical					$23,844.35	$23,844.35
		True Nature - Landscape					$3,310.08	$3,310.08
		Earth Systems - Geotech					$530.45	$530.45
		JYI - cost estimating					$21,078.27	$21,078.27

4	**Construction Docs (90%)**			**1,604**	**$264,008.66**	**$600.00**	**$76,519.11**	**$341,127.77**
	Principal in Charge	McKelvey, Pat	$246.13	2	$492.26			$492.26
	PM / Architect	Todd, Will	$194.14	60	$11,648.40			$11,648.40
	Project Architect	Hong, Jiah	$158.07	280	$44,259.60			$44,259.60
	Architectural Designer	Chavez, Nora	$134.73	300	$40,419.00			$40,419.00
	Sr Architect - QAQC	Palomera, Mark	$184.60	12	$2,215.20			$2,215.20
	Sr Architect (Specifications)	Seaman, Jan	$184.60	40	$7,384.00			$7,384.00
	PM Assistant	Gonzalez, Sherry	$130.49	4	$521.96			$521.96
	Civil Engineering Principal	Rapp, Derek	$238.70	16	$3,819.20			$3,819.20
	Sr Civil Engineer	Fitch, Wayne	$184.60	100	$18,460.00			$18,460.00
	Structural Engineer Principal	Dyck, Alan	$238.70	4	$954.80			$954.80
	Structural Engineer	Puckett, Malin	$184.60	24	$4,430.40			$4,430.40
	Structural Designer	Shanah, Ibrahim	$175.05	120	$21,006.00			$21,006.00
	BIM - Structural	Madrigal, Felix	$184.60	24	$4,430.40			$4,430.40
	Sr Structural Engineer - QAQC	Clark, William	$203.69	8	$1,629.52			$1,629.52
	Sr Industrial Architect	Weismantel, Jared	$203.69	4	$814.76			$814.76
	Industrial Architect	Kim, Yong	$158.07	96	$15,174.72			$15,174.72
	Industrial Designer	Sunder, Dominic	$134.73	160	$21,556.80			$21,556.80
	Industrial Architect - QAQC	Strehlow, Ben	$184.60	16	$2,953.60			$2,953.60
	Fueling Principal (Charging Equipment)	Guthrie, Reb	$238.70	12	$2,864.40			$2,864.40
	BIM - Charging Equipment	Clark, Josh	$184.60	24	$4,430.40			$4,430.40
	Sr Mechanical Engineer	Yang, Gladys	$196.27	12	$2,355.24			$2,355.24
	Mechanical Designer (Engineer)	Galstyan, Sevak	$175.05	40	$7,002.00			$7,002.00
	Senior Plumbing Designer	Lopez, Franklin	$184.60	40	$7,384.00			$7,384.00
	Mechanical Designer	Walker, Andrew	$158.07	60	$9,484.20			$9,484.20
	Mechanical Principal / QAQC	Winn, Maung	$246.13	2	$492.26			$492.26
	BIM - Mechanical	Ali, Inas	$184.60	8	$1,476.80			$1,476.80
	PM Assist - M/P Specs	Baccus, Lori	$130.49	8	$1,043.92			$1,043.92
	ICT Principal	Shea, Stephen	$238.70	2	$477.40			$477.40
	ICT Project Manager	Hysler III, John	$203.69	4	$814.76			$814.76
	Sr ICT Engineer	Barron, Juan	$184.60	40	$7,384.00			$7,384.00
	ICT Engineer	Abouzid, Mohanad	$175.05	50	$8,752.50			$8,752.50
	Principal Commissioning Engineer	Myers, Marcus	$246.13	32	$7,876.16			$7,876.16
		Expenses				$600.00		$600.00
		GECE - Electrical					$53,624.12	$53,624.12
		True Nature - Landscape					$4,965.12	$4,965.12
		Earth Systems - Geotech					$1,389.78	$1,389.78
		JYI - cost estimating					$16,540.09	$16,540.09

5	**Bid Docs (100%) and Support**			**362**	**$62,993.64**	**$550.00**	**$3,865.96**	**$67,409.60**
	Principal in Charge	McKelvey, Pat	$246.13	2	$492.26			$492.26
	PM / Architect	Todd, Will	$194.14	32	$6,212.48			$6,212.48
	Project Architect	Hong, Jiah	$158.07	60	$9,484.20			$9,484.20
	Architectural Designer	Chavez, Nora	$134.73	32	$4,311.36			$4,311.36
	Sr Architect - QAQC	Palomera, Mark	$184.60	12	$2,215.20			$2,215.20
	PM Assistant	Gonzalez, Sherry	$130.49	4	$521.96			$521.96
	Civil Engineering Principal	Rapp, Derek	$238.70	4	$954.80			$954.80
	Sr Civil Engineer	Fitch, Wayne	$184.60	16	$2,953.60			$2,953.60
	Structural Engineer Principal	Dyck, Alan	$238.70	2	$477.40			$477.40
	Structural Engineer	Puckett, Malin	$184.60	4	$738.40			$738.40
	Structural Designer	Shanah, Ibrahim	$175.05	28	$4,901.40			$4,901.40
	BIM - Structural	Madrigal, Felix	$184.60	4	$738.40			$738.40
	Sr Structural Engineer - QAQC	Clark, William	$203.69	2	$407.38			$407.38
	Sr Industrial Architect	Weismantel, Jared	$203.69	4	$814.76			$814.76
	Industrial Architect	Kim, Yong	$158.07	16	$2,529.12			$2,529.12
	Industrial Designer	Sunder, Dominic	$134.73	28	$3,772.44			$3,772.44
	Industrial Architect - QAQC	Strehlow, Ben	$184.60	8	$1,476.80			$1,476.80
	Fueling Principal (Charging Equipment)	Guthrie, Reb	$238.70	8	$1,909.60			$1,909.60
	BIM - Charging Equipment	Clark, Josh	$184.60	12	$2,215.20			$2,215.20
	Sr Mechanical Engineer	Yang, Gladys	$196.27	2	$392.54			$392.54
	Mechanical Designer (Engineer)	Galstyan, Sevak	$175.05	8	$1,400.40			$1,400.40
	Senior Plumbing Designer	Lopez, Franklin	$184.60	8	$1,476.80			$1,476.80
	Mechanical Designer	Walker, Andrew	$158.07	16	$2,529.12			$2,529.12
	PM Assist - M/P Specs	Baccus, Lori	$130.49	2	$260.98			$260.98
	ICT Project Manager	Hysler III, John	$203.69	4	$814.76			$814.76
	Sr ICT Engineer	Barron, Juan	$184.60	16	$2,953.60			$2,953.60
	ICT Engineer	Abouzid, Mohanad	$175.05	12	$2,100.60			$2,100.60
	Principal Commissioning Engineer	Myers, Marcus	$246.13	16	$3,938.08			$3,938.08
		Expenses				$550.00		$550.00
		GECE - Electrical					$2,433.72	$2,433.72
		True Nature - Landscape					$1,103.36	$1,103.36
		Earth Systems - Geotech					$328.88	$328.88

6	**Construction Support**			**1,446**	**$242,877.52**	**$12,000.00**	**$39,144.80**	**$294,022.32**
	Principal in Charge	McKelvey, Pat	$246.13	4	$984.52			$984.52
	PM / Architect	Todd, Will	$194.14	40	$7,765.60			$7,765.60
	Project Architect	Hong, Jiah	$158.07	480	$75,873.60			$75,873.60
	Architectural Designer	Chavez, Nora	$134.73	200	$26,946.00			$26,946.00
	PM Assistant	Gonzalez, Sherry	$130.49	24	$3,131.76			$3,131.76
	Civil Engineering Principal	Rapp, Derek	$238.70	16	$3,819.20			$3,819.20
	Sr Civil Engineer	Fitch, Wayne	$184.60	40	$7,384.00			$7,384.00
	Structural Engineer	Puckett, Malin	$184.60	24	$4,430.40			$4,430.40
	Structural Designer	Shanah, Ibrahim	$175.05	108	$18,905.40			$18,905.40
	Sr Industrial Architect	Weismantel, Jared	$203.69	4	$814.76			$814.76
	Industrial Architect	Kim, Yong	$158.07	72	$11,381.04			$11,381.04
	Industrial Designer	Sunder, Dominic	$134.73	96	$12,934.08			$12,934.08
	Fueling Principal (Charging Equipment)	Guthrie, Reb	$238.70	28	$6,683.60			$6,683.60
	BIM - Charging Equipment	Clark, Josh	$184.60	12	$2,215.20			$2,215.20
	Sr Mechanical Engineer	Yang, Gladys	$196.27	4	$785.08			$785.08
	Mechanical Designer (Engineer)	Galstyan, Sevak	$175.05	60	$10,503.00			$10,503.00
	Senior Plumbing Designer	Lopez, Franklin	$184.60	60	$11,076.00			$11,076.00
	ICT Principal	Shea, Stephen	$238.70	2	$477.40			$477.40
	ICT Project Manager	Hysler III, John	$203.69	4	$814.76			$814.76
	Sr ICT Engineer	Barron, Juan	$184.60	60	$11,076.00			$11,076.00
	ICT Engineer	Abouzid, Mohanad	$175.05	24	$4,201.20			$4,201.20
	Principal Commissioning Engineer	Myers, Marcus	$246.13	84	$20,674.92			$20,674.92
		Expenses				$12,000.00		$12,000.00
		GECE - Electrical					$35,505.84	$35,505.84
		True Nature - Landscape					$3,310.08	$3,310.08
		Earth Systems - Geotech					$328.88	$328.88

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Stantec Architecture Inc.
733 Marquette Avenue Suite 1000, Minneapolis MN 55402-2309

November 13, 2023

Attention: **Will Todd**

Dear Will,

Reference: Santa Barbara MTD Phase 2 – Industrial Design and Equipment Scope of Work Letter

Stantec's Industrial team is committed to providing design and coordination services specific to transit bus vehicle operations and maintenance facilities. The Industrial team focuses on providing efficient site and building layouts to achieve functional and operational clearances for staff and vehicles. Stantec's Industrial team collaborates with the key stakeholders to understand the specific equipment throughout the facility and works closely with various equipment manufacturers for addressing the project-specific needs.

Industrial equipment may include vehicle lifts or hoists, cranes, vehicle exhaust systems, bulk fluid storage and distribution systems, fall protection equipment, drill press, buffer/grinder, welding equipment, and parts storage equipment and systems.

Scope of Work – Basic Services

WBS 1.0 – Programming & Concept Design

Programming Questionnaires, Interviews, and Data Collection

Participate in programming interviews with key stakeholders to identify functional needs, goals, and objectives for the project. Identify Owner's specific requirements for offices, restrooms, lunchrooms, locker areas, vehicle repair bays and associated shops, and material storage areas,.

Owner to provide organization chart(s), existing facility plans, vehicle/fleet information such as vehicle type, make and model, wheelbase(s), fuel type, bulk fluid MSDS and monthly/annual throughput.

Industrial Equipment Programming & Coordination

Lead Industrial Equipment Kick-off Meeting with the Owner and key stakeholders to identify specific equipment requirements for the facility. Meeting will focus on identifying preferred equipment manufacturers, understanding large equipment needs such as vehicle lifts, and other shop equipment.

Deliverables

- Programming Meeting Notes
- Industrial Equipment Programming Notes

Reference: **Santa Barbara MTD Phase 2 – Industrial Design and Equipment Scope of Work Letter**

Travel

- Equipment Meeting - 1 trip, 2 people, 2 days.

WBS 2.0 – Schematic Design (25%)

Industrial Equipment Programming & Coordination

Lead up to two Industrial Equipment Meetings with the Owner and key stakeholders to continue identify specific equipment requirements for the facility. Meetings may focus on equipment drawings, equipment schedule(s), manufacturers, models, and accessories, dimensions, furnish and installation requirements, equipment budget, convenience compressed air outlets, and equipment specifications.

Participate in weekly design coordination meetings with Design Team.

Industrial Equipment Narrative

Develop written narrative to document specific equipment requirements for each functional area or space. Equipment narrative will be included in overall report compiled by Prime.

Industrial Equipment Drawings

Develop drawings and floor plans showing industrial equipment throughout the project. Drawings will include schedule of equipment along with furnish and installation requirements. Preliminary equipment schedule will include equipment tag, description, and furnish/installation requirements.

Industrial Equipment Specifications

Provide lead Architect/Engineer with outline specifications for industrial equipment included in specification table of contents. Outline specifications will identify equipment related MasterFormat Divisions and include a brief description of equipment to be included in each section.

Estimated Equipment Budget

Develop estimated equipment cost to include with project construction cost estimate. Estimated equipment budget may be broken down by building, functional area, and/or furnish/installation methods.

Quality Control

Conduct internal quality control reviews of deliverables and conduct interdisciplinary quality control review and participate in interdisciplinary quality control review meeting with Design Team. Interdisciplinary quality control review to be conducted by a senior staff member not actively working on the project.

Reference: **Santa Barbara MTD Phase 2 – Industrial Design and Equipment Scope of Work Letter**

Deliverables

- Industrial Equipment Narrative
- Industrial Equipment Drawings
- Outline Specifications for Industrial Equipment
- Industrial Equipment Cost Estimate – includes equipment costs, estimated installation, and contingency.

Travel

- None

WBS 3.0 – Design Development (60%)

Industrial Equipment Coordination

Lead up to two Industrial Equipment Meetings with the Owner and key stakeholders to continue identify specific equipment requirements for the facility. Meetings may focus on equipment drawings, equipment schedule(s), manufacturers, models, and accessories, dimensions, furnish and installation requirements, equipment budget, convenience compressed air outlets, and equipment specifications.

Lead up to four Equipment Coordination Meetings with Design Team to coordinate equipment requirements such as power, mechanical exhaust, water supply, structural supports, etc.

Coordinate operational and equipment related functional requirements for building systems and components including architectural, structural, mechanical, electrical, plumbing, and human engineering.

Develop, compile, and distribute typical equipment-related coordination drawings. Some drawings may be developed and provided by equipment manufacturer/vendor.

Industrial Equipment Drawings

Update drawings, floor plans, and schedules showing industrial equipment throughout the project. Industrial equipment schedules will be updated to identify architecture and engineering coordination requirements such as power/water loads, equipment weights/capacities, and other discipline coordination notes. Develop sections and typical drawing details as required.

Process Equipment

Identify, model, and coordinate compressed air outlet locations throughout facility. Calculate air compressor and bulk fluid pump sizes based on facility needs. Develop, model, and coordinate conceptual fluid and compressed air piping layout. Piping layout will not include detailed connections to equipment at this phase. Provide typical details for service equipment.

Reference: **Santa Barbara MTD Phase 2 – Industrial Design and Equipment Scope of Work Letter**

Specifications

Develop Parts 1, 2 and 3 specifications for each industrial and process equipment related specification section.

Estimated Equipment Budget

Update estimated equipment budget from discussions with manufacturers. Submit revised total that identifies adjusted prices for equipment and clearly highlights whether the revised amount is higher or lower compared to original estimated equipment budget.

Quality Control

Conduct internal quality control reviews of deliverables and conduct interdisciplinary quality control review and participate in interdisciplinary quality control review meeting with Design Team. A senior staff member not actively working on the project shall conduct the interdisciplinary quality control review.

Deliverables

- Meeting Minutes for Industrial Equipment Meetings
- Equipment Layout Drawings
- Equipment Coordination Schedules
- Process Equipment Drawings
- Equipment Coordination Drawings/Details
- Industrial Equipment Specifications
- Interdisciplinary Quality Control Review Comments and Responses

Travel

- None.

WBS 4.0 – Construction Docs (90%)

Industrial Equipment Coordination

Lead up to two Industrial Equipment Meetings with the Owner and key stakeholders to continue identify specific equipment requirements for the facility. Meetings may focus on equipment drawings, equipment schedule(s), manufacturers, models, and accessories, dimensions, furnish and installation requirements, equipment budget, convenience compressed air outlets, and equipment specifications.

Lead up to four Equipment Coordination Meetings with Design Team to coordinate equipment requirements such as power, mechanical exhaust, water supply, structural supports, etc.

Reference: **Santa Barbara MTD Phase 2 – Industrial Design and Equipment Scope of Work Letter**

Coordinate operational and equipment related functional requirements for building systems and components including architectural, structural, mechanical, electrical, plumbing, and human engineering.

Develop, compile, and distribute typical equipment-related coordination drawings. Some drawings may be developed and provided by equipment manufacturer/vendor.

Industrial Equipment Drawings

Update drawings, floor plans, and schedules showing industrial equipment throughout the project. Industrial equipment schedules will be updated to identify architecture and engineering coordination requirements such as power/water loads, equipment weights/capacities, and other discipline coordination notes. Update sections and typical drawing details as required.

Process Equipment

Coordinate compressed air outlet locations throughout facility. Verify air compressor and bulk fluid pump sizes based on facility needs. Calculate and identify pipe diameters. Provide typical details for service equipment.

Safety Signage and Striping

Develop functional and safety signage, graphics, and striping drawings specifically in the Maintenance and Fuel/Service areas of the building(s). Determine the location and type of functional and safety sign required for each area based on the safety related issues relevant for that area. Develop drawings that indicate, using a detailed schedule and numbered designations on the drawings, both location and type of sign. Indicate the location of safety related floor striping. These areas typically designate walk areas through work zones and specific safety areas around equipment. Indicate the location of functional related floor striping such as vehicle pull-in striping and vehicle back-in striping required to successfully position vehicles on lifts and in bays and lanes. Provide details on type of striping paint, size and stripe, type, and other related details.

Specifications

Update Parts 1, 2 and 3 specifications for each industrial and process equipment related specification section.

Estimated Equipment Budget

Review and update estimated equipment budget as needed based on equipment library. Submit revised total that identifies adjusted prices for equipment and clearly highlights whether the revised amount is higher or lower compared to original estimated equipment budget.

Reference: **Santa Barbara MTD Phase 2 – Industrial Design and Equipment Scope of Work Letter**

Quality Control

Conduct internal quality control reviews of deliverables and conduct interdisciplinary quality control review and participate in interdisciplinary quality control review meeting with Design Team. A senior staff member not actively working on the project shall conduct the interdisciplinary quality control review .

Deliverables

- Meeting Minutes for Industrial Equipment Meetings
- Equipment Layout Drawings
- Equipment Coordination Schedules
- Process Equipment Drawings
- Safety Signage and Striping Drawings
- Equipment Coordination Drawings/Details
- Industrial Equipment Specifications
- Interdisciplinary Quality Control Review Comments and Responses

Travel

- None

WBS 5.0 – Bid Docs (100%) and Support

Industrial Equipment Coordination

Participate in up to two design coordination meetings with Design Team.

Bid RFIs

Review up to two industrial equipment related RFIs during bid period.

Bid Addenda

Update drawings and specifications based on changes from Owner or bid RFIs.

Deliverables

- Responses to Permitting / Plan Check Comments
- Updated and Bid-ready Equipment Layout Drawings
- Updated and Bid-ready Process Equipment Drawings
- Updated and Bid-ready Safety Signage and Striping Drawings
- Updated and Bid-ready Industrial Equipment Specifications

Travel

- None

WBS 6.0 –Construction Support

RFIs

Assist in the review and response of up to five equipment related issues during construction.

Submittals and Shop Drawings

Review up to five equipment related submittal and shop drawings for conformance with the contract documents.

Construction Phase Visits and Punchlist

Make one on-site reviews during construction to review progress relating to functional and equipment issues.

Conduct one on-site visit for development of Industrial Equipment-related punchlist.

~~Record Drawings~~

~~Receive as-builts generated and submitted by Contractor identifying significant changes on the work which deviates from that as shown on the drawings. Stantec's drawings must be redlined directly. Shop drawings or other field drawings cannot be submitted as a substitute. Update original electronic drawings and submit one set of digital record drawings~~.

Deliverables

- Response to construction RFIs
- Review comments and forms associated with construction submittals and shop drawings
- Field observation reports documenting site visits
- Punchlist based on equipment and functional issues identified during walk-throughs of facility
- Record drawings (PDF)

Travel

- Construction Phase Visit - 1 trip, 1 person, 2 days.
- Punchlist - 1 trip, 1 person, 2 days.

Reference: **Santa Barbara MTD Phase 2 – Industrial Design and Equipment Scope of Work Letter**

Assumptions

Below is a list of assumptions Stantec's Industrial team has assumed for this project. Changes to these Assumptions may affect Stantec's Scope of Work and Fee proposal.

- Project construction budget is $20,000,000 USD.
- Design tasks are scheduled January 2024 through September 2024.
- Stantec will respond to one round of milestone submittal review comments by Owner.
- Structural engineer to provide structural support and details for industrial equipment.
- Stantec to specify vehicle exhaust equipment, including reel and fan, for individual system(s). Mechanical engineer to provide exhaust ductwork for vehicle exhaust systems. Mechanical engineer to specify fan for central system(s).
- Industrial Equipment will utilize Revit 2018 or later to develop BIM files and drawings.
- Revit model(s) will not be submitted to or shared with Owner or General Contractor.

Exclusions

The following list of Exclusions is not included in the Scope of Work and Fee Proposal prepared by Stantec's Industrial team. Some Exclusions may be considered and negotiated for an additional fee.

- Site master planning.
- Bus wash equipment design and coordination.
- Signing and stamping drawings and specifications to be used for bidding and construction.
- Mechanical building design and engineering (such as HVAC).
- Plumbing building design and engineering.
- Electrical and low-voltage (data, communication, security) engineering and design.
- Seismic anchoring calculations and details shall be provided by Structural Engineer or be designated as delegated design.
- Emergency/Back-up power generator selection and specification.
- Electric bus charging infrastructure and design.
- Life cycle cost analysis.
- Site and building renderings.
- Internal value engineering shall be performed by the Industrial Equipment team throughout the project. Participation in external, third-party value engineering workshop shall not be performed.
- Fuel system components (storage tanks, monitoring systems, pumps, dispensers).
- Revit model and Revit families to LOD-300 or higher.
- LEED design or assistance (including ENVISION) as this effort will not be impacted by Industrial Equipment.
- Energy modelling will be performed by other project team members or a third party.
- Building systems and industrial equipment testing and commissioning.
- Central distribution for specialty industrial gas systems.
- Building code analysis.
- Locating, coordinating, selecting and specifying emergency eye wash / shower stations.

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

GRAY ELECTRICAL CONSULTING + ENGINEERING, CORP

January 8, 2024

Transmitted via e-mail: will.todd@stantec.com

Stantec Architecture
801 South Figueroa Street Suite 300
Los Angeles, CA 90017-3007

Attention: Will Todd

RE: Professional Electrical Engineering Services Agreement for **Santa Barbara MTD Terminal 2 – Phase 2** (the "Project"), **Rev 1**.

Dear Mr. Todd:
Contained herein are the details outlining Gray Electrical Consulting + Engineering, CORP ("GECE") professional electrical engineering services for Stantec Architecture ("Client"), as discussed per our E-mail correspondence, with attachments, dated October 30, 2023. ~~If you agree to the provisions set forth below, including **EXHIBIT A,** GECE GENERAL TERMS AND CONDITIONS, please have an authorized representative indicate agreement by signing and dating where indicated, and return a copy to us~~.

Section 1 Project Understanding
Our engineering services includes preparation of electrical construction documents for the Santa Barbara Municipal Transit District (MTD) Terminal 2 site located at 5353 Overpass Road, in Goleta, California as per the following scope.

In preparation of this proposal, GECE has reviewed the following documents:

- 20230717 SBMTD ZEB Rollout_T2 Site Plans
- SBMTD Terminal 2 ZEB Rollout Plan Phase 2 Improvements, Conceptual Design Option of Probable Cost.
- SBMTD Blueprint, Analysis of Optimal Technology Combinations (Task 2.4)

<u>Site Electrical</u>

- Electrical design and utility coordination to support a new, expanded, electric service to the side in alignment with the construction of the new Maintenance and Operations Building, the implementation of bus electric charging infrastructure, and the overall microgrid electrical system design.

- Engineering revisions to the Phase 1 electrical system design as necessary to ensure alignment with the project's phasing requirements. These revisions will establish a temporary power source from the utility company (SCE), to accommodate interim

power needs for onsite critical components such as the service attendant booth, fuel system, bus washing system, and onsite lighting. The temporary power source will be strategically utilized during the demolition of the existing maintenance building, until the electric service upgrades are complete and energized.

- Engineering services to prepare a detailed Method of Procedure (MOP) tailored for the electric service upgrade cutover. This comprehensive document will outline the step-by-step procedures and protocols to be followed by the contractor during the cutover process, ensuring a seamless transition and minimizing any potential disruptions.

- Electrical design to facilitate the installation of about 20 electric bus charging positions. While the specific electric bus charger specifications and site requirements will be provided by others, our scope will involve specification and detailing of all line voltage power requirements to ensure a seamless integration with onsite electrical infrastructure.

- Engineering revisions to the Phase 1 lighting system design. It is acknowledged that lighting installations at canopies and within maintenance bays, as outlined in Phase 1 specifications, may be subject to reuse. Our goal is to refine and optimize the existing lighting system design, ensuring seamless integration with any retained elements. Engineering services include support as per a supplemental review by the design review board.

<u>Maintenance and Ops Building</u>

- Electrical construction documents prepared for a new 10,000 sf maintenance and ops building. The electrical design will be prepared with the understanding the building will be all electric, with no natural gas provisions.
- Preparation of a division 26 performance specification for the buildings fire alarm system.

<u>Microgrid Electrical Design</u>

- Preparation of a Microgrid electrical design which includes the following:
    - Design and integration of a 250KW photovoltaic system, which is anticipated to include arrays located at the PV canopies and building roof (if necessary).
    - Design and integration of a 1,749 kWh battery storage system.
    - Design and integration of a diesel fuel generator system with capacity to provide 803 kW of power.

The Microgrid System design will be prepared to encompass various distributed energy resources, which include components from the SCE Utility grid, a solar photovoltaic system, battery storage, a generator system, and bus charging equipment featuring vehicle-to-

everything (V2X) functionality (if this functionality is desired by MTD, possible at time of implementation, and feasible with the bus and charging equipment OEM's).

Our proposal has been developed pursuant to a design philosophy based upon the Schneider Electric Energy Control Center (ECC) platform. This cutting-edge technology integrates electrical distribution equipment and industrial controls into an intelligent Power Management System (PMS). The PMS is pre-wired, assembled, and factory tested, offering SBMTD a turnkey solution for autonomous microgrid deployment. Further, this system can manage diverse energy sources and prioritize loads efficiently.

It is our understanding that SBMTD's objective is to achieve a minimum of 24 hours of resiliency for 75% of the fleet through the Microgrid. The system capacities mentioned above are based on the project analysis prepared by CalStart. While GECE is committed to meeting the established basis of design outlined in this report, it is important to note that we will conduct an independent analysis, considering various factors, including optimal placement of components, and addressing site-specific design constraints to ensure compliance with utility regulations and the national electrical code. Our aim is to ensure the Microgrid electrical design is designed for optimal performance and resilience, within the site-specific parameters and constraints of the project.

Utility Company Coordination

- Facilitate electric service application for the electric service upgrade to the site and temporary power requests.
- Coordination with SBMTD and Southern California Edison (SCE) as per the SBMTD's intent to participate in the SCE Charge Ready Program, operating under the assumption of a customer build. GECE will provide support for electric-specific items as per the application filing process, prepare electrical site exhibits, and ensure alignment with electrical infrastructure requirements.

Project Timelines

Our engineering services proposal has been prepared as per the following timelines:

- Electrical Design and Permitting: 6 months from the date of proposal execution.
- Utility Company Coordination: 12 months from the date of proposal execution.
- Bidding Assistance: Two (2) weeks from the date of bid release.
- Construction Contract Administration: 12 months from the first day of construction.

Deliverables

Our engineering services proposal has been prepared as per the following deliverables for the site, building electrical, and microgrid design scopes:

- 100% Schematic Design
- 50% Construction Documents

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- 80% Construction Documents, Issued for Initial Plan check.
- 100% Construction Documents, Issued for Permit.
- 100% Construction Documents, Issued for Bidding and Construction.

Items Specifically Excluded

- Design changes such as cost optimization or project phasing after electrical plans have been substantially developed.
- Construction cost or schedule estimating.
- Preparation of As-Built documents.

Section 2 Project Costs

Our engineering fees have been determined on a time and expense, not-to-exceed basis, following comprehensive discussions as per the project's scope, timelines, and deliverables outlined herein. It is essential to emphasize that while our budget has been meticulously prepared, it is subject to extension in the event of unforeseen circumstances, such as extended timelines, project phasing, or added complexities, which were not previously assumed.

~~Time and expense rates are as outlined in **Exhibit A.** Professional electrical engineering services fee schedule is outlined in **Exhibit B.**~~

Section 3 Utility Company Coordination

GECE will act as a customer liaison between the electric utility company and the client during application filing and facilitation of the final utility design. Services will include application filing, consultation, and coordination for two (2) applications including one (1) temporary power application and one (1) permanent power application. Services will also include:

3.1.1 Preliminary Coordination and Application Processing

a. Obtain pertinent information to support application filing from the client and the design team.
b. Preparation of a conceptual utility site plan exhibit identifying utility company requirements as coordinated and / or estimated for the project. This conceptual plan shall be utilized for informational purposes only until the utility companies issue a preliminary design.
c. Review documents as prepared by the design team for conformance with utility standards, potential conflicts, and / or constraints.
d. Complete all required utility application documents, including authorization forms and exhibits.
e. Prepare applicable project exhibits to properly coordinate project requirements with utility providers. The client shall be responsible for providing civil plans, topographic plans, wire line surveys, etc. as needed to support Utility Company coordination in a timely manner to avoid delay.

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- Provide AutoCAD site plan files, provided by others, into utility company required layer formats as may be required.

f. Maintain regular contact with utility providers as needed to support the project application process.

g. Facilitate and schedule utility company kick off meeting.

3.1.2 Preliminary Utility Design Coordination

a. Review and coordinate preliminary utility design documents for accuracy and acceptance by the client.

b. Review and coordinate preliminary design revisions with utility company representatives.

c. Maintain regular contact with utility providers as needed to support the utility company's final design.

3.1.3 Final Utility Design Coordination

a. Submit client approved preliminary design to utility company representatives.

b. Review final utility design documents for accuracy and acceptance by the client.

c. Maintain regular contact with utility providers as needed to support the utility company's final design.

d. Review all utility agreements for accuracy as per the customers responsibilities when requested by the client.

3.2.1 The client shall be advised that utility company information, and the information obtained by GECE in advance of a final utility company design, is subject to change upon final receipt of a final utility company issued final design, handout package, or field directive. GECE shall not be responsible for Utility company retainer fees, construction fees, etc. GECE assumes payment of such fees, when required, will be provided in a timely manner to avoid project delays.

3.2.1 The client shall provide GECE with information pertaining to the construction schedule, and construction contact personnel. The construction contact personnel shall be responsible for working collaboratively with GECE and notify the utility company representatives as per the day-to-day needs of the project regarding utility services. GECE shall not be responsible to coordinate utility company inspections, meter set(s), and facility energization.

3.3.1 Exclusions.

a. Utility services are readily available to the project site. Scope of services excludes offsite utility coordination for extension of services to the project location.

b. Application filing for utility company facility relocation and underground conversion.

c. Application for self-generating electrical systems.

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d. Easement preparation and / or quit claim filing.
e. Preparation of detailed wire line survey.
f. Applications for street lighting and traffic signals.
g. Application filing for service disconnect from existing structures scheduled for demolition.
h. Application and / or authorization filing with the local municipality or authority having jurisdiction.
i. Application filing for communication utility providers.

Section 4 Scope of Design Phase Services

4.1.1 Electrical Site Plan. GECE will provide electrical engineering design services to specify onsite electrical systems including:

a. Connections to onsite equipment requiring line voltage power (Motorized gates, pumps, and irrigation controllers).
b. Line voltage feeders and branch circuits from point of service to load. Specification shall include voltage drop calculations (both starting and full load conditions), short circuit analysis, raceway and conductor specification, and specification of overcurrent/disconnecting means.
c. Conduit only systems for low voltage systems (Fire Alarm, Security, Communications, etc.)
d. Specification of line voltage site lighting. Final luminaire selections and locations shall be determined with input from the Client.
e. Preparation of Prescriptive California Energy Code Title 24 compliance documentation for exterior lighting systems and externally illuminated signage as applicable to the project.
f. Site lighting control in compliance with California Energy Code Title 24 minimum requirements. The Client shall provide input on time settings, etc. during design.
g. Exterior lighting photometric analysis and simulation to demonstrate California Green Building Code requirements with respect to light trespass are met.

4.1.2 Exclusions.

a. Specification of low voltage cabling and/or fiber.
b. Low voltage landscape lighting.
c. California Energy Code Title 24 compliance documentation for internally illuminated signage. Assume this will be provided by the vendor of such signage.
d. Actual field measurements of existing site lighting conditions. If required, this service can be provided under a separate contract.
e. Custom luminaire product design.

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4.2.1 Building Electrical. GECE will provide electrical engineering design services to specify building electrical systems including:

a. Development of electrical distribution system and single line diagram.
b. Line voltage feeders and branch circuits from point of service to load. Specification shall include voltage drop calculations (both starting and full load conditions), short circuit analysis, raceway and conductor specification, and specification of overcurrent/disconnecting means.
c. Device locations in coordination with the Client. Note feedback on device locations shall be received prior to 50% construction documents milestone.
d. Development of panel schedules and facility connected load. Demand calculations will be provided as required.
e. Coordination with mechanical, plumbing, and civil consultants to specify line voltage power connection(s) to equipment.
f. Coordination with Client to specify line voltage power connection(s) to specialty equipment.

4.2.2 Exclusions

a. Design and specification of lighting protection system.
b. Electrical coordination study, including arc flash analysis.
c. Electrical connections to a Fire pump and jockey pump.

4.3.1 Building Lighting. GECE will provide electrical engineering design services to specify building lighting systems including:

a. Specification of interior lighting system. Final luminaire selections and locations shall be determined with input from the Client.
b. Prescriptive California Energy Code Title 24 compliance documentation for interior lighting systems.
c. Interior lighting control will be designed to meet minimum California Energy Code Title 24 compliance requirements. The Client shall provide input on time settings, etc. during design.
d. Interior lighting photometric analysis and simulation as deemed necessary by our office or as required by code.

4.3.2 Exclusions.

a. Custom luminaire product design.
b. Coordination with Interior Design Consultant and / or Lighting Design Consultant

4.1.1 Building Low Voltage Systems. GECE will provide electrical design services as follows:

a. Deferred approval specifications, details, and criteria for a fire sprinkler monitoring and alarm system. Assume the electrical contractor, prior to construction, will submit final design documents for permit.

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b. Specification of a conduit system for communication cabling/distribution.

4.2.2 Exclusions

a. Communication structured cable plant, distribution, and system specification.
b. Full coverage fire alarm system.
c. Low voltage signal systems not specifically listed above, including (not limited to): security, building access, closed circuit television, intercom, speakers/overhead paging, assisted listening, clock, staff call, music, etc.

4.3.1 Building Commissioning. GECE will prepare electrical commissioning system requirements and interface with the project commissioning agent as may be required. System commissioning requirements will be determined pursuant to facility owner requirements as well as minimum criteria as defined by the California Green Building Code. GECE services will include the following:

a. Preparation of the electrical specific documentation and criteria as required to complete the Owner Project Requirements "OPR" and Project Basis of Design "BOD".

4.4.1 Design Phase Project Site Visits and Meetings. Our proposal is inclusive of the following:

a. One (1) Project Meeting onsite to observe existing conditions.
b. Two (2) Project Milestone Meetings during construction document phase (i.e., 50% CD and 90% CD).
c. General consultation meetings are held virtually, not exceeding 10-hours.

4.5.1 Plan Review

a. Two (2) plan reviews by the authority having jurisdiction as required to permit the electrical construction documents.
b. One (1) plan reviews by the authority having jurisdiction as required to permit phase 1 site lighting plan revisions.

4.6.1 California Energy Code Compliance. GECE will provide electrical engineering services to prepare California Energy Code, Title 24 prescriptive compliance documentation as applicable for the project pursuant to the electrical system design. GECE will prepare compliance documentation pursuant to the determination of building occupancy by others. Prescriptive analysis will assume energy code area category method of calculation. Our proposal includes preparation of the following compliance forms:

a. Nonresidential compliance package for commercial buildings to include:
   - 2022-NRCC-ELEC-E: Electrical Power Distribution
   - 2022-NRCC-LTI-E: Indoor Lighting
   - 2022-NRCC-LTO-E: Outdoor Lighting

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4.6.2 Exclusions

a. Preparation of outdoor lighting signage form(s):
- 2022-NRCC-LTI-E: Lighting-Sign
- 2022-LMCC-LTI-E: Lighting-Sign
- 2022-NRCI-LTS-E: Sign Lighting
- Commissioning and acceptance testing.

Section 5 Scope of Construction Phase Services

5.1.1 Electrical Contractor Responsibilities. It is understood by the client that the Electrical Contractor, not GECE, shall be responsible for the construction of the project, and that GECE is not responsible for the acts or omissions of any contractor, subcontractor, or material supplier; for the safety precautions, programs, or enforcement; or for construction means, methods, techniques, sequences, and procedures employed by the electrical contractor.

5.1.2 Electrical Inspector Responsibilities. It is understood by the client that the Electrical Inspector, not GECE, shall be responsible for electrical inspection of the project in accordance to code and safety standards.

5.1.3 Electrical Construction Schedule. It is understood by the client that the Electrical Contractor, not GECE, shall be responsible for the electrical systems construction schedule. GECE will assist the electrical contractor to develop the electrical systems construction schedule and facilitate approval by the client. However, the electrical contractor shall be responsible for execution of the project within the timeframe approved by the client and identify to GECE all critical path items, including materials that may require long lead-times. Material procurement, including certification that the material will be delivered on-time to the project, is the responsibility of the electrical contractor.

4.2.1 Bidding Assistance. GECE will provide construction phase services as follows:

a. Respond to electrical contractor's questions during bidding.
b. Issuing appropriate addendum exhibits as required.

4.2.2 During project bidding requests for clarification and or additional information shall be received in writing from the client or designated representative a minimum of two (2) working days prior to the requested response date. GECE reserves the right to additional time (within the bid constraints) should the issue and/or solution require it in GECE's sole discretion. Bidding electrical contractors shall not contact GECE directly, without authorization provided in writing from the Client.

5.3.1 Construction Contract Administration. GECE will assist the client and project owner in administrating the contract for construction. GECE will provide construction phase services as follows:

a. Respond to electrical contractor request for information during construction.
b. Review and respond to electrical specific project material and equipment submittals.
c. Services for Construction Contract Administration have been identified pursuant to the scope herein for a period not exceeding **[x-months]** from start of construction.

5.3.2 During construction requests for clarification and or additional information shall be received in writing from the client or designated representative. The electrical contractor and subcontractors shall not contact GECE directly, without authorization provided in writing from the Client. All correspondence shall be forwarded through the Client or designated representative.

a. All requests for information shall have a date indicated by when feedback/direction is needed. A minimum of two (2) working days shall be provided for RFI responses. GECE reserves the right to additional time should the issue and/or solutions require it in GECE's sole discretion.
b. The electrical contractor shall allow a minimum of two (2) weeks for electrical material and product submittal responses.
c. Electrical material submittals shall be coordinated with the construction schedule to allow for adequate engineering review.
d. GECE shall require that Shop Drawings, Product Data, Samples, and similar submittals to meet the following:
    - Be reviewed and approved by the General and Electrical Contractor.
    - Determined and verified materials, field measurements, and field construction criteria related thereto, or will do so.
    - Checked and coordinated the information contained within such submittals with the requirements of the Work and the Contract Documents.
    - Organized pursuant to division 26 specification section number.
    - Provided with indication of project specific references as applicable to the drawings.

5.3.3 Construction Contract Administration Additional Services. With prior written authorization and pursuant to time and expense rates as identified in **Exhibit A**, additional bidding assistance services are as follows:

a. Review, coordination, and engineering evaluation of engineering alternatives, i.e. design approach, material selections, product quantity, etc.
b. Review, coordination, and engineering evaluation of material product substitutions.
c. Review and respond to electrical contractor requests for additional compensation.
d. Review and respond to electrical specific project close out documentation (operation and maintenance manuals).

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e. Expedited services.

5.3.4 Exclusions

a. Approval of contractor payment pursuant to schedule of values.
b. Programmed inspections and testing.
c. Special inspections and testing.
d. Certifications.
e. Rejection of non-conforming work.
f. Preparation of record drawings (ie. As-builts)
g. Design changes during construction.
h. Design changes due to contractor substitutions.

5.4.1 Construction Phase Project Site Visits and Meetings. Our proposal is inclusive of the following:

a. One (1) onsite observation of the electrical installation during rough-in (prior to drywall).
b. One (1) onsite observation of the electrical installation prior to final completion.

5.5.1 Onsite Visual Observations. GECE shall provide observation of the work performed by the Electrical Contractor in order to visually identify defective work or work not in accordance to the project plans and specifications. Should GECE identify or become aware of defective work on the project, GECE shall report said defective work to the client. GECE's duties shall not be in substitute of the responsibilities of the electrical inspector or any other Authority Having Jurisdiction.

Section 6 General

6.1.1 Division 26 electrical specifications will be provided in master specification format. Project specifications will be submitted on the plans.

6.1.2 Electrical plans will be prepared with AutoCAD. Please provide base files in a consistent format. Deliverables will be electronic PDF files with digital signatures. Hardcopies and wet signatures will be provided upon request. However, processing and reproduction fees will apply and are not included in the fixed fee quoted above.

6.1.3 Manufacturer specifications will be required for all specialty equipment requiring line voltage connection(s). Information will be required during design development.

6.1.4 The building owner will provide reliable and accurate as built documentation identifying installed systems.

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6.1.5 GECE does not employ licensed electricians and will not remove equipment covers to observe energized equipment. GECE observations are visual in nature and may not account for existing conditions or code violations concealed from view and/or discovered during construction. The building owner shall be responsible to procure the services of a licensed electrician should in-depth field investigation be required to complete design services or validate design assumptions made pursuant to engineering visual observation.

6.1.6 The owner shall retain services for ammeter recordings as required. Should GECE services be required to facilitate the set up / removal of recording device, preparation of field directives for the installing electrical contractor, facilitating rental equipment, etc. additional services will be provided on an hourly basis pursuant to GECE's time and material rates as identified in **Exhibit A**.

6.1.7 It is understood that delays by either the client, project consultants, and / or permitting agencies, are outside of GECE's control and may cause delays of electrical system design deliverables. GECE shall provide prompt and advance notice of any design items that may be of a critical nature that if not addressed in a timely matter will cause delay of electrical design deliverables. The client shall be responsible to notify GECE of any significant delays which will impact the scope of GECE services as defined herein. It is understood that delays caused by others, and not by GECE, may result in additional engineering services performing additional work and / or revise work already completed.

6.1.8 Should the project require either a delayed or escalated design or construction schedule, proper notification shall be made to GECE. GECE reserves the right to amend this contract should additional compensation be required to meet the revised schedule.

6.1.9 GECE will provide construction details with respect to electrical systems only. GECE shall not be responsible for structural design/calculations such as, although not limited to: concrete equipment pads, concrete luminaire bases, equipment attachment to structure, etc.

6.1.10 GECE is not responsible for the specification of grading, painting of exposed electrical equipment/raceways, patching/repair of existing surfaces (asphalt, concrete, vegetation, etc.).

6.1.11 GECE is not responsible for locating existing underground infrastructure and may require the site to be USA'ed (Underground Service Alert) or detailed topographic information prior to the start of services.

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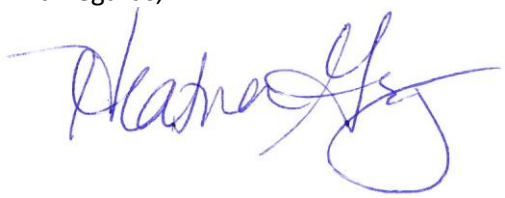
A signed and dated copy of this agreement is required prior to the start of work. Please also provide all pertinent base files, project schedules, budget information, conditions of approval etc. We look forward to working with you on this exciting project!

Feel free to contact our office should you have any questions.

Kind Regards,



Heather A. Gray, P.E.
President, Principal Electrical Engineer
Gray Electrical Consulting + Engineering, CORP

UNDERSTOOD AND AGREED by STANTEC ARCHITECTURE:

_____
Signature

_____
Printed Name

_____
Date

The following documents are attached and incorporated by reference herein:
Exhibit A – GECE General Terms and Conditions

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Santa Barbara MTD, On-Call A&E Services
Terminal 2 Phase 2 Improvements
A&E Design & Construction Support Services Proposal

Fee Proposal Summary
Date: 8-Jan-24

Company: **Gray Electrical & Consulting Engineering (GECE)**
Discipline: Electrical Total

LABOR	Principal Electrical Engineer	Electrical Designer	Electrical Project Manager	Electrical Drafting	Admin	Total Hours/Professional Fee		Total Fees & Expenses by Task	
TASKS	**Rate:** $ 184.60	**Rate:** $ 134.20	**Rate:** $134.20	**Rate:** $100.79	**Rate:** $ 72.67				
	Hours	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Fee**	**Expense**	**Fees & Expenses**
Task 1 Program/Concept	24	34	23	57	6	144	$ 18,260.85	$ 150.00	$ 18,410.85
Task 2 Schematic Design	20	48	37	81	8	194	$ 23,844.35	$ 50.00	$ 23,894.35
Task 3 Design Development	20	48	37	81	8	194	$ 23,844.35	$ 100.00	$ 23,944.35
Task 4 CDs, Plan Check	30	96	85	226	14	451	$ 53,624.12	$ 250.00	$ 53,874.12
Task 5 Bid Docs & Support	3	4	4	8	0	19	$ 2,433.72	$ 250.00	$ 2,683.72
Task 6 Construction Support	24	90	90	60	12	276	$ 35,505.84	$ 1,050.00	$ 36,555.84
Totals	**121**	**320**	**276**	**513**	**48**	1278	$ 157,513.23	**$ 1,850.00**	**$ 159,363.23**
	$ 22,336.60	$ 42,944.00	$ 37,039.20	$ 51,705.27	$ 3,488.16		$ 157,513.23		

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Santa Barbara MTD, On-Call A&E Services
Terminal 2 Phase 2 Improvements
A&E Design & Construction Support Services Proposal

Fee Proposal Summary
Date: 8-Jan-24

Company: **Gray Electrical & Consulting Engineering (GECE)**
Discipline: MICROGRID DESIGN

LABOR									
	Principal Electrical Engineer	**Electrical Designer**	**Electrical Project Manager**	**Electrical Drafting**	**Admin**	**Total Hours/Professional Fee**		**Total Fees & Expenses by Task**	
TASKS	**Rate:** $ 184.60	**Rate:** $ 134.20	**Rate:** $134.20	**Rate:** $100.79	**Rate:** $ 72.67				
	Hours	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Fee**	**Expense**	**Fees & Expenses**
Task 1 Program/Concept	12	14	14	32	2	74	$ 9,343.42		$ 9,343.42
Task 2 Schematic Design	8	24	24	44	4	104	$ 12,643.84		$ 12,643.84
Task 3 Design Development	8	24	24	44	4	104	$ 12,643.84		$ 12,643.84
Task 4 CDs, Plan Check	14	44	44	120	8	230	$ 27,070.16		$ 27,070.16
Task 5 Bid Docs & Support	1	2	2	4	0	9	$ 1,124.56		$ 1,124.56
Task 6 Construction Support	12	40	40	30	6	128	$ 16,410.92		$ 16,410.92
Totals	**55**	**148**	**148**	**274**	**24**	649	$ 79,236.74	**$ -**	**$ 79,236.74**
	$ 10,153.00	$ 19,861.60	$ 19,861.60	$ 27,616.46	$ 1,744.08		$ 79,236.74		

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Santa Barbara MTD, On-Call A&E Services
Terminal 2 Phase 2 Improvements
A&E Design & Construction Support Services Proposal

Fee Proposal Summary
Date: 8-Jan-24

Company: **Gray Electrical & Consulting Engineering (GECE)**
Discipline: BUILDING AND SITE ELECTRICAL

LABOR									
	Principal Electrical Engineer	**Electrical Designer**	**Electrical Project Manager**	**Electrical Drafting**	**Admin**	**Total Hours/Professional Fee**		**Total Fees & Expenses by Task**	
TASKS	**Rate:** $ 184.60	**Rate:** $ 134.20	**Rate:** $134.20	**Rate:** $100.79	**Rate:** $ 72.67				
	Hours	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Fee**	**Expense**	**Fees & Expenses**
Task 1 Program/Concept	12	20	9	25	4	70	$ 8,917.43		$ 8,917.43
Task 2 Schematic Design	12	24	13	37	4	90	$ 11,200.51		$ 11,200.51
Task 3 Design Development	12	24	13	37	4	90	$ 11,200.51		$ 11,200.51
Task 4 CDs, Plan Check	16	52	41	106	6	221	$ 26,553.96		$ 26,553.96
Task 5 Bid Docs & Support	2	2	2	4	0	10	$ 1,309.16		$ 1,309.16
Task 6 Construction Support	12	50	50	30	6	148	$ 19,094.92		$ 19,094.92
Totals	**66**	**172**	**128**	**239**	**24**	629	$ 78,276.49	**$ -**	**$ 78,276.49**
	$ 12,183.60	$ 23,082.40	$ 17,177.60	$ 24,088.81	$ 1,744.08		$ 78,276.49		

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

November 10, 2023

TRUE NATURE
LANDSCAPE ARCHITECTURE

Mr. William Todd
Stantec Architecture Inc.
801 South Figueroa Street Ste. 300
Los Angeles CA 90017-3007

Re: Fee Proposal for Landscape Architectural Services, Design and Construction Support, for SBMTD Terminal 2 Phase 2 Improvements, Overpass Road, Goleta, CA

Dear Mr. Todd:

Thank you for requesting a proposal to provide professional services to prepare construction documents and provide construction administration services for Phase 2 of the MTD Terminal 2 Improvements in Goleta. Our proposal is based on review of our Phase 1 landscape plans and the SBMTD Terminal 2 ZEB Rollout Concept Plan provided by Stantec.

Based on review of the proposed site plan, it appears that much of the existing landscape would remain intact, but some of the interior planter beds would be removed. Our services should therefore include a Tree and Vegetation Protection & Demolition plan, and I assume an irrigation modification plan showing where to protect and cap existing lines in order to remove the existing impacted planters and ensure the existing irrigation systems perform as originally designed. Our detailed scope of services is as follows:

Task 1: Project Initiation and Kick-Off
- Attend virtual project kickoff meeting.
- Review City permit and plan check requirements, along with design standards and design review board process necessary for the project.

Task 2: Schematic Design
- Prepare Autocad base plan utilizing survey and site design plan provided by Stantec. Work with Stantec to refine site design if needed to meet City landscape requirements.
- Prepare a concept landscape plan of the entire site, including outlining trees and vegetation to be retained and removed, and craft notes regarding replacement of existing vegetation damaged during construction.
- Participate in up to three (3) virtual review meetings to review proposed design.
- Submit PDF Schematic Design plans to Stantec for review by MTD.
- Review cost estimate and answer questions from estimator.

Task 3: Design Development
- Revise and refine Conceptual Landscape plan to incorporate Owner comments and any site changes requested.
- Present plans at one (1) meeting of the City of Goleta Design Review Board to obtain Conceptual Review level approval.
- Coordinate with Design Team.
- Revise landscape plans to incorporate City comments, and any additional Owner comments.

Task 4: Construction Documents and Plan Check

- Prepare drawing set in AutoCAD utilizing survey and site design CAD files provided by Stantec.
- Prepare a Tree and Vegetation Preservation and Demolition Plan.
- Prepare an irrigation plan with legend and details. The plan will show the Phase 1 plan and modifications to that system required to adapt it to the new site design.
- Prepare a planting plan with legend and details. Plan will note sizes and water use classification of all plants and demonstrate compliance with water conservation requirements. It is assumed that planting will be very minimal and the plan would focus on notes covering replacement of existing plants from Phase 1 damaged during Phase 2 construction.
- Prepare project specifications.
- Coordinate with Design Team.
- Submit 50% coordination set to Stantec.
- Submit 90% complete set for submittal to MTD and City of Goleta for plan check.
- Coordinate with cost estimator and answer questions. Assume estimator will provide the cost estimate for City of Goleta performance bonds, if applicable.
- Present the plans at two (2) meetings of the City of Goleta Design Review Board for approval.
- Revise plans per plan check corrections and Design Review comments.
- Attend one (1) virtual meeting with Client and Design Team.
- Submit 100% final drawings for permits and bidding.

Task 5: Bidding Support

- Attend virtual or live Pre-bid meeting.
- Respond to Contractor RFI's.
- Issue Construction Set of Drawings.

Task 6: Construction Administration Phase

- Attend Pre-Construction meeting (virtual).
- Respond to Contractor RFI's.
- Review and provide comments on Contractor product submittals.
- Attend up to two (2) virtual construction progress meetings.
- Conduct up to four (4) construction site meetings to review tree removal/preservation, review irrigation installation/modification, spot plants, and review planting installation, mulch, irrigation operation.
- Conduct a final installation walk and provide a punch list.
- Conduct a 45 day and 90 day (Final) Maintenance Period job walk to review punch list items, test irrigation, and review project, provide punch list at each site observation visit.
- Prepare a letter for the City of Goleta noting substantial conformance to plans upon completion of construction to assist in closing out building permit. This may include a job walk with the City project Planner to review landscape installation for release of landscape installation bond if applicable.

Exclusions

- Grading & Drainage Plan
- Stormwater Plan
- Site Lighting Plans

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

- Exclusions listed in Stantec's proposal to MTD
  Additional meetings, with client or city staff, Design Review Board hearings, etc., may be provided on an hourly basis.

Fee Structure

Hourly at the following rates:

Principal Landscape Architect	$137.92
Project Manager/Landscape Architect	$116.70
Technical Drafting / Designer	$ 95.48

See attached Fee Proposal spreadsheet for breakdown of hours and rates. We propose to invoice the project on a time and materials basis, not to exceed the total proposed fee amount.

~~Direct costs such as plotting, reproduction, and scanning will be billed at cost plus 15%~~

Please do not hesitate to call me if you have questions or wish to discuss any of the above. I look forward to working with you.

Sincerely,

True Nature
Kimberly True, MLA, ASLA
Principal Landscape Architect
CA License N$^{o.}$ 5596

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Santa Barbara MTD, On-Call A&E Services
Terminal 2 Phase 2 Improvements
A&E Design & Construction Support Services Proposal

Fee Proposal Summary
Date: 11-Nov-23

Company: **True Nature**
Discipline: Landscape and Irrigation

LABOR											
	Principal	Project Mgr / Landscape Arch	Drafter / Designer					Total Hours/Professional Fee		Total Fees & Expenses by Task	
TASKS	Rate: $ 137.92	Rate: $ 116.70	Rate: $ 95.48	Rate: $ 1.00	Rate: $ 1.00	Rate: $ 1.00	Rate: $ 1.00				
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Fee	Expense	Fees & Expenses
Task 1 Program/Concept	4	0	0					4	$ 551.68	$ 50.00	$ 601.68
Task 2 Schematic Design	24	0	0					24	$ 3,310.08	$ -	$ 3,310.08
Task 3 Design Development	24	0	0					24	$ 3,310.08	$ 50.00	$ 3,360.08
Task 4 CDs, Plan Check	36	0	0					36	$ 4,965.12	$ 50.00	$ 5,015.12
Task 5 Bid Docs & Support	8	0	0					8	$ 1,103.36	$ -	$ 1,103.36
Task 6 Construction Support	24	0	0					24	$ 3,310.08	$ 100.00	$ 3,410.08
Totals	**120**	**0**	**0**	**0**	**0**	**0**	**0**	120	$ 16,550.40	**$ 250.00**	**$ 16,800.40**
	$ 16,550.40	$ -	$ -	$ -	$ -	$ -	$ -		$ 16,550.40		

EARTH SYSTEMS
2049 Preisker Lane, Suite E | Santa Maria, CA 93454 | (805) 928-2991 | www.earthsystems.com

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

February 11, 2022
(Revised November 13, 2023)

Mr. Will Todd, AIA, LEED. AP BD+C
Senior Associate, Stantec Architecture
801 South Figueroa Street, Suite 300
Los Angeles, California 90017-3007

PROJECT: SANTA BARBARA METROPOLITATION TRANSIT DISTRICT TERMINAL 2 FACILITY 5353 OVERPASS ROAD, GOLETA, CALIFORNIA

SUBJECT: Proposal for a Geotechnical Engineering Report and Infiltration Testing with a Soil Corrosivity Evaluation Report

REFERENCE: Native Soil Assessment for Small Infiltration-Based Stormwater Control Measures, by Earth Systems Pacific, dated December 2013

Dear Mr. Todd:

In accordance with your request, this proposal was prepared to provide a geotechnical engineering report and infiltration testing with a soil corrosivity evaluation report for the Santa Barbara Metropolitan Transit District Terminal 2 Facility project. The project is located at 5353 Overpass Road in the City of Goleta, California. In preparing this proposal, we have assumed that: 1) California Prevailing Wage Laws apply to this project; 2) the client will provide all necessary means for site access; and 3) all of our work can be accomplished during normal weekday business hours without overtime. If this is not the case, an adjustment in fees will be necessary. This proposal was revised based upon an increase in rates since the initial proposal was prepared, address the new code cycle, to change to a time and expense format, and exclude Cone Penetration Testing.

We understand the project generally consists of constructing a new building and two solar shade canopies along with associated surface and subsurface improvements. We have assumed the building will be one to two-stories, will be of wood and/or steel frame construction, and will utilize a concrete slab-on-grade. The two solar canopy shade structures will be of steel frame construction. No other structures are anticipated. For the purposes of our report, we have assumed maximum line loads will be approximately 3 kips per linear foot, maximum point loads will be approximately 30 kips, and the fundamental period of the structures will not exceed 0.5 seconds.

New surface and subsurface improvements will also be constructed. We have assumed that surface improvements will consist of asphalt or concrete pavement for vehicle use and concrete flatwork for pedestrian use. Subsurface improvements will be the underground service utility conduits and Low Impact Development (LID) drainage disposal improvements. No on-site Effluent disposal systems have been identified; therefore, these items will not be part of our scope of work and will not be addressed in the geotechnical engineering report.

SCOPE OF SERVICES

Subsurface Investigation, Laboratory Testing, and Report. To evaluate the shallow subsurface conditions at the site, we plan to drill five exploratory and sample acquisition borings to approximate depths ranging from 15 to 50 feet below the existing ground surface as conditions allow. In addition to drilling the exploratory and sample acquisition borings at the site, we will also drill three more 5-foot deep infiltration test borings within the LID drainage disposal improvement area designated by the client. A Gtech GT8 drill rig equipped with a 6-inch diameter hollow stem auger and an automatic trip hammer for sampling will be used for all the borings. Soils within the exploratory and sample acquisition borings will be classified in general accordance with the Unified Soil Classification System (ASTM D2488-17) by personnel from this firm. Copies of the boring logs will be included in the geotechnical engineering report.

During drilling of the exploratory and sample acquisition borings, California sampler ring, standard penetrometer and bulk soil samples will be obtained for testing in the laboratory to determine physical properties such as in situ unit weight and moisture, maximum density and optimum moisture content, expansion index, consolidation/collapse, grain size analysis, R-value, shear strength, friction angle, and cohesion. The final determination of the number and types of tests to be performed will depend upon the subsurface conditions encountered.

The field and laboratory data will be reviewed by a Registered Geotechnical Engineer and evaluated with respect to development of geotechnical criteria for site development. The following items will be addressed:

- Soil and groundwater conditions encountered
- Preparation of improvement areas prior to construction
- Grading and backfill criteria for this development
- Suitability of the site soils for use as fill and backfill
- Types and depths of foundation systems
- Design criteria for foundations
- CBC seismic design criteria
- Preliminary pavement sections
- Potential for liquefaction and seismically induced settlement of dry sand
- Total and differential settlement
- Site drainage around improvements

The geotechnical engineering report and recommendations will be intended to comply with the considerations of the 2022 Edition of the California Building Code (CBC), and common geotechnical engineering practice. It is our intent that the report will be used exclusively by the client to form the geotechnical basis of the design of the project and in the preparation of plans and specifications. Application beyond this intent is strictly at the user's risk. If other architects/engineers wish to use this report, such use will be allowed to the extent the report is applicable, only if the user agrees to be bound by the same contractual conditions of the original client or contractual conditions that may be applicable at the time of the report use.

Infiltration Testing. The three infiltration test borings will be drilled within or very near the proposed LID drainage disposal improvements as designated by the client. We have assumed that the exploratory and sample acquisition borings drilled for the building and solar canopies can be used to record the subsurface soil and groundwater profile.

A perforated polyvinyl chloride (PVC) pipe will be placed within and near the center of the infiltration test borings and the annular spaces around the PVC pipe will be backfilled with gravel. The infiltration testing would then be completed in general accordance with the "Shallow, Quick" methodology outlined in the Reference. We have assumed we can use water from sources at the site. The results of the infiltration tests will be presented in the geotechnical engineering report for use by other engineers in evaluating site suitability utilizing Low Impact Development (LID) infiltration systems for the project.

Soil Corrosivity Evaluation Report. In addition to the above scope of work, we will test two samples for corrosivity to concrete, ferrous metals, and copper for determination (by others) of appropriate corrosion protection measures. The CBC requires that corrosivity be addressed at some point during the project for structures and improvements that are under their jurisdiction. The testing and evaluation will be subcontracted to CERCO Analytical, Inc. of Concord, California.

FEES AND CONDITIONS

Based on the scope of work outlined previously, we propose to provide our services on a Time and Expense basis. Fees to be charged will be per the attached Fee Detail.

Please note that the above fee quotations are fees that do not include charges for meetings, plan reviews, percolation tests, additional infiltration tests, evaluation of the site for the suitability of effluent or drainage disposal systems, design of effluent or drainage disposal systems, consultation, or other such services. Fees for additional services will be charged at the Fee Schedule in effect at the time of the request for services. The fee quotations assume that the client will be responsible for access of drilling equipment and that the Mobile drill rig can perform the work. If this is not the case, an adjustment in fees to utilize other methods will be needed. Based upon our current workload, we anticipate that the supervising engineer for the project will be the undersigned.

Should unforeseeable subsurface conditions require a different approach or additional work, this fee quotation may need to be revised. We would notify the client of any major changes in the proposed scope of work prior to initiating such a change. Prior to field operations, Underground Service Alert (USA) will be contacted to locate utilities that fall within their jurisdiction. However, responsibility for accurate location of underground utilities lies with the client and Earth Systems Pacific shall not be held responsible for damage resulting from the client's failure to provide such information. The areas where the borings will be drilled are covered with concrete pavement. We plan on core drilling through the concrete pavement as conditions allow. The borings will be backfilled with soil materials and the boreholes through the concrete will be patched with quickset grout. Repair of damaged structures, surface and subsurface improvements, landscaping, etc. will not be the responsibility of this firm.

Analysis of the soil for chemical properties (other than the soil corrosivity evaluation report if elected to perform) including hydrocarbons, lead, radon, etc.; mold potential; estimates of material shrinkage; construction issues within the domain of the contractor, and any other services not specifically noted in the preceding paragraphs are beyond the scope of the proposed investigation.

If the client finds the scope of work, terms and estimated fees satisfactory, the return of the attached Work Order indicating the legal entity that will be our client, signed and dated by the party responsible for payment, will constitute authorization for work to begin. It is our understanding that the project is subject to California Prevailing Wage Law.

In order to upload certified payrolls to the State's website, the project's DIR number is necessary. Please complete the attached Prevailing Wage and Accounts Payable Information Request form and return to our office at your earliest convenience. This agreement can be terminated by either party upon notification in writing. Earth Systems Pacific's responsibility for the project will end upon completion of the services described herein or termination of the agreement, unless authorization to perform additional work and agreement for payment thereof is provided by the client.

Thank you for your consideration of our firm for this project. If you have any questions or require additional information, please contact the undersigned at your convenience.

Respectively Submitted,
Earth Systems Pacific

Robert Down, PE 70206
Senior Vice President

Attachments: Fee Detail
Work Order
Terms
Prevailing Wage Accounts Payable Information Request

Doc. No.: SM 2202-021.PRP.REV2

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

SBMTD Terminal 2 Phase 2

Fee Proposal Summary
Date: 10-Nov-23

Company: **Earth Systems**
Discipline: Geotechnical

LABOR	Associate Professional	Project Professional	Technician	Technician, Driller	Technician, Drill Helper	Staff Professional	Dril Rig, Driller, & Helper	Total Hours/Professional Fee		Total Fees & Expenses by Task	
TASKS	**Rate:** $ 201.57	**Rate:** $164.44	**Rate:** $ 95.48	**Rate:** $132.61	**Rate:** $ 132.61	**Rate:** $ 148.53	**Rate:** $366.01				
	Hours	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Fee**	**Expense**	**Fees & Expenses**
Task 1 Program/Concept	8	31	0	2	2	40	12	95	$ 17,573.96	$ 6,223.00	$ 23,796.96
Task 2 Schematic Design	1	2	0	0	0	4	0	7	$ 1,124.57	$ -	$ 1,124.57
Task 3 Design Development	1	2	0	0	0	0	0	3	$ 530.45	$ -	$ 530.45
Task 4 CDs, Plan Check	2	6	0	0	0	0	0	8	$ 1,389.78	$ -	$ 1,389.78
Task 5 Bid Docs & Support	0	2	0	0	0	0	0	2	$ 328.88	$ -	$ 328.88
Task 6 Construction Support	0	2	0	0	0	0	0	2	$ 328.88	$ -	$ 328.88
Totals	**12**	**45**	**0**	**2**	**2**	**44**	**12**	**117**	**$ 21,276.52**	**$ 6,223.00**	**$ 27,499.52**
	$ 2,418.84	$ 7,399.80	$ -	$ 265	$ 265	$ 6,535	$ 4,392		$ 21,276.52		

EXPENSES (at cost w/ exception of mileage)	Mileage (IRS Rate)		Printing		Plotting		Postage		Lab Testing		Corrosivity		Other		Expense Totals by Task
	Rate: $ 0.650		**Rate:** $ 1.00		**Rate:** $ 5.00		**Rate:** $ 1.00		**Rate:** $ 4,150.00		**Rate:** $ 1,800.00		**Rate:** $ -		
	Miles:		QTY:		QTY:		QTY:		QTY:		QTY:		QTY:		
Task 1	420	$ 273.00	0	$ -	0	$ -	0	$ -	1	$4,150.00	1	$ 1,800.00		$ -	$ 6,223.00
Task 2		$ -		$ -		$ -	0	$ -		$ -		$ -		$ -	$ -
Task 3		$ -		$ -		$ -	0	$ -		$ -		$ -		$ -	$ -
Task 4		$ -		$ -		$ -	0	$ -		$ -		$ -		$ -	$ -
Task 5		$ -		$ -		$ -	0	$ -		$ -		$ -		$ -	$ -
Task 6		$ -		$ -		$ -	0	$ -		$ -		$ -		$ -	$ -
Expense Totals	**420**	**$ 273.00**	**0**	**$ -**	**0**	**$ -**	**0**	**$ -**	**1**	**$4,150.00**	**1**	**$ 1,800.00**	**0**	**$ -**	**$ 6,223.00**

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Jacobus & Yuang, Inc.
330 North Lantana Street Suite 28, #220
Camarillo, California 93010
Tel. (213) 688-1341 or (805) 339-9434
Fax (866) 431-3256
Website: www.jyiestimate.com

November 9, 2023 **4184P-R2**
Revised: January 3, 2024

Will Todd AIA, LEED AP BD+C
Senior Associate
Stantec
801 South Figueroa Street, Suite 300
Los Angeles, CA 90017-3007

Re: **ESTIMATING FEE PROPOSAL – SANTA BARBARA METROPOLITAN TRANSIT DISTRICT TERMINAL 2 - ZEB ROLLOUT PLAN – PHASE 2**

Dear Will:

We take pleasure in submitting our revised Fee Proposal for consulting services for the above project, as follows:

Description	Proposed Not-to-Exceed Fee
1. To prepare a Schematic Design Opinion of Cost, based on typical SD Design Information	$9,905.17
2. To prepare a Design Development Cost Estimate, based on typical DD Design Information	$21,078.27
3. To prepare a Construction Documents Cost Estimate, based on typical CD Design Information	$16,540.09
Total Proposed Not-to-Exceed Fee (Drawing printing is included)	**$47,523.53**

Conferences, Value Engineering, updating or revisions to the above report(s), shall be charged in accordance with the most current Schedule of Fees, when approved and authorized by you.

The above report(s) shall be:

- Prepared to incorporate all trade related disciplines
- Prepared in Master Format™ major divisions, with labor, material and equipment costs rolled up into a single unit cost
- Submitted in PDF file format

Not included in the above fee are the following, **unless specifically included above**:

- Equipment Cost - to be provided by others
- Value Engineering related work
- Preparation or completion of Bid Forms
- Field Investigation
- Life Cycle Cost Analysis and/or Cost Benefit Analysis
- Scheduling related work
- Change Order Evaluation or Negotiation
- Printing of documents required for estimating purposes (true half size required), unless specifically included above – **please also provide PDF copies of drawings**
- Estimate Reconciliation's with other estimates or reconciliation with contractor bids

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Jacobus & Yuang, Inc.

STANTEC
Re: **ESTIMATING FEE PROPOSAL – SANTA BARBARA METROPOLITAN TRANSIT DISTRICT TERMINAL 2 - ZEB ROLLOUT PLAN – PHASE 2**
November 9, 2023 **4184P-R2**
Revised: January 3, 2024

Not included in the above fee are the following, **unless specifically included above** (Continued):

- Out-of-Office meetings – these can be arranged when authorized by you
- Cost Estimate Adjustments for Addenda issued after any completed Estimate Milestone had been issued
- LEED related cost extracts
- Job Order Costing (JOC) pricing approach
- Constructability Review
- Searching through Proprietary Databases such as Project Wise™ for documents necessary for Estimating – **please provide direct links to extract files to be used for estimating**
- Creating a Material Ordering List
- Preparing DSA formatted Estimates with referencing of line-items to SW Publishing (Ex Saylor) coding

This fee proposal shall be made an appendix to any contract between our offices, and is valid for Sixty (60) days from the date of this proposal.

We respectfully reserve the right to adjust our fee if the scope of our services is modified.

Our Insurance Coverage's are as follows:

1. General Liability, $2.0 Million per occurrence, $4.0 Million General Aggregate
2. Worker's Compensation Insurance $1.0 Million per occurrence including Defense Costs
3. Automobile Insurance - Any Auto, Hired & Non-Owned Autos, $1.0 Million
4. Professional Liability Insurance (PLI) – Per Claim/Aggregate, $2.0 Million. Waiver of Subrogation and Primary non-contributory wording not available for PLI.

Below are the rates applicable to Personnel that may work on the project:

Personnel	**Rate per Hour**
Principal	$189.11
Senior Estimator	$127.94
Estimator	$94.42

Please sign and date this Proposal to indicate your acceptance of the above conditions, and return one signed copy to this office via facsimile or email (cobusm@jyiestimate.com).

Yours sincerely,

Cobus Malan
Principal Quantity Surveyor

Accepted for: **STANTEC**

By: _____ Dated: _____

Attachment: SBMTD Terminal 2 – ZEB Rollout Plan Fee Proposal - Exhibit A dated 01/03/2024

Attachment to Stantec Architecture Proposal for Professional Design Services for the Phase 2 Improvements at Terminal 2 dated 1/8/2024

Santa Barbara Metropolitan Transit District Terminal 2 - ZEB Rollout Plan - Phase 2 **4184P-R2**

Fee Proposal Summary
Date: 3-Jan-24

Company: **JYI**
Discipline: Cost Estimating

LABOR / **TASKS**	**Jacobus Malan Principal**	**Alexandro Nocum Sr. Estimator**	**Nerisa Navarro Estimator**					**Total Hours/Professional Fee**	
	Rate: $ 189.11	**Rate:** $127.94	**Rate:** $ 94.42	**Rate:** $ 1.00	**Rate:** $ 1.00	**Rate:** $ 1.00	**Rate:** $ 1.00		
	Hours	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Hours**	**Fee**
To prepare a Schematic Design Opinion of Cost	21.00	39.00	10.00					70	$ 9,905.17
To prepare a Design Development Cost Estimate	45.00	82.00	22.00					149	$ 21,078.27
To prepare a Construction Documents Cost Estimate	35.00	65.00	17.00					117	$ 16,540.09
	101	**186**	**49**	**0**	**0**	**0**	**0**	**336**	**$ 47,523.53**